

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

new

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR

720 So. Colorado Blvd., Denver, Colo. 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1200 FNL

1740 FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21 miles Northwest of Westwater

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5200

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5715 GR

22. APPROX. DATE WORK WILL START*

JUNE/JULY

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	2.3# K55	+ 1050'	circulate to surface
6 1/4"	4 1/2" new	10.5# K55	+ 5200'	cover all productive zones

Set 1-3 joints of 9 5/8' casing as conductor pipe.

RECEIVED
JUL 28 1980DIVISION OF
OIL, GAS & MININGState of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

Staff Production Analyst

DATE 4/25/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

FOR

E. W. GUYNN
DISTRICT ENGINEER

JUL 23 1980

APPROVED BY

(Orig. Sgd.) R. A. Henricks

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

State Oil & Gas



United States Department of the Interior

IN REPLY REFER TO

3100
(U-603)

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

June 25, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division,
P.O. Box 1037, Vernal, Utah 85078

From: Area Manager, Grand

Subject: Tenneco Oil Company
Edwards USA 12-2, Lease U-38030
NW/NE Section 12, T. 17 S., R. 24 E.
Grand County, Utah

On May 28, 1980, a representative from this office met with Cody Hansen, USGS, and Lee Freeman agent of Tenneco Oil Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Tenneco Oil Company.

C. Orlando Backus

Enclosures (2)
1-Reclamation Procedures
2-Seed Mixture



Save Energy and You Serve America!



STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Topsoil will be hauled into this location for rehabilitation, up to five inches deep as needed.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from subsurface deposits is exposed during the operation.

The trash cage will be wired during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM and USGS publication).

If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed on during pre-drill field examination - The new access road in Trap Canyon will stay out of the canyon bottom as much as possible. Low water crossings will be installed in each drainage and culverts will be put in each drainage as needed, if the well is a producer. The access road will cross from the south to the north side of Trap Canyon on the east side of the well location, pass to the west side of the location, (pad will be on south side of Trap Canyon, between the creek bottom and the ridge on south side of the canyon) cross Trap Canyon from north to south and enter the drill pad at the north west corner.

The reserve pit 80 feet by 20 feet by 6 feet deep will be put in the cut portion of the pad. The pad will be tailored to fit the location and stay out of a drainage on the west end.

The cut edge of the pad will be cut deeper into the sandstone ledges on the south to keep north border out of Trap Canyon. Rock rip-rap will be placed along edge of channel where needed to protect well pad.

If this well and another one higher up Trap Canyon are dry, the whole access road will be closed. The road between the two wells will be closed if the upper well is dry.

No new activity between November 1 and February 28 of any year will be allowed unless approved by the Area Manager, due to winter wildlife conditions.

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

Memorandum

Glenn
12-175-248

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. LL-38030 Well No 12-2

1. The location appears potentially valuable for:

- ☐ strip mining*
- ☒ underground mining** *cost*
- ☐ has no known potential.

2. The proposed area is

- ☐ under a Federal lease for _____ under the jurisdiction of this office.
- ☒ not under a Federal lease under the jurisdiction of this office.
- ☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.



Signed *Allen J. Vance*

05 JUN 1980

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

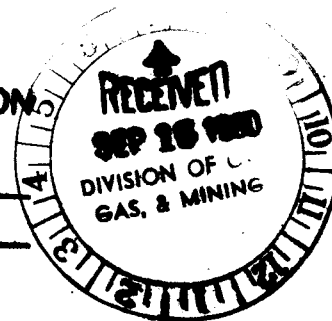
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-38030
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR TENNECO OIL COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colo. 80222		8. FARM OR LEASE NAME EDWARDS USA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1200 FNL 1740 FEL NW NE At proposed prod. zone		9. WELL NO. 12-2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 21 miles Northwest of Westwater		10. FIELD AND POOL, OR WILDCAT Morrison-wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 560	17. NO. OF ACRES ASSIGNED TO THIS WELL 320 lay down
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5200 Morrison	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5715 GR		22. APPROX. DATE WORK WILL START* JUNE/JULY

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	2.3# K55	+ 1050'	circulate to surface
6 1/4"	4 1/2" new	10.5# K55	+ 5200'	cover all productive zones

Set 1-3 joints of 9 5/8' casing as conductor pipe.

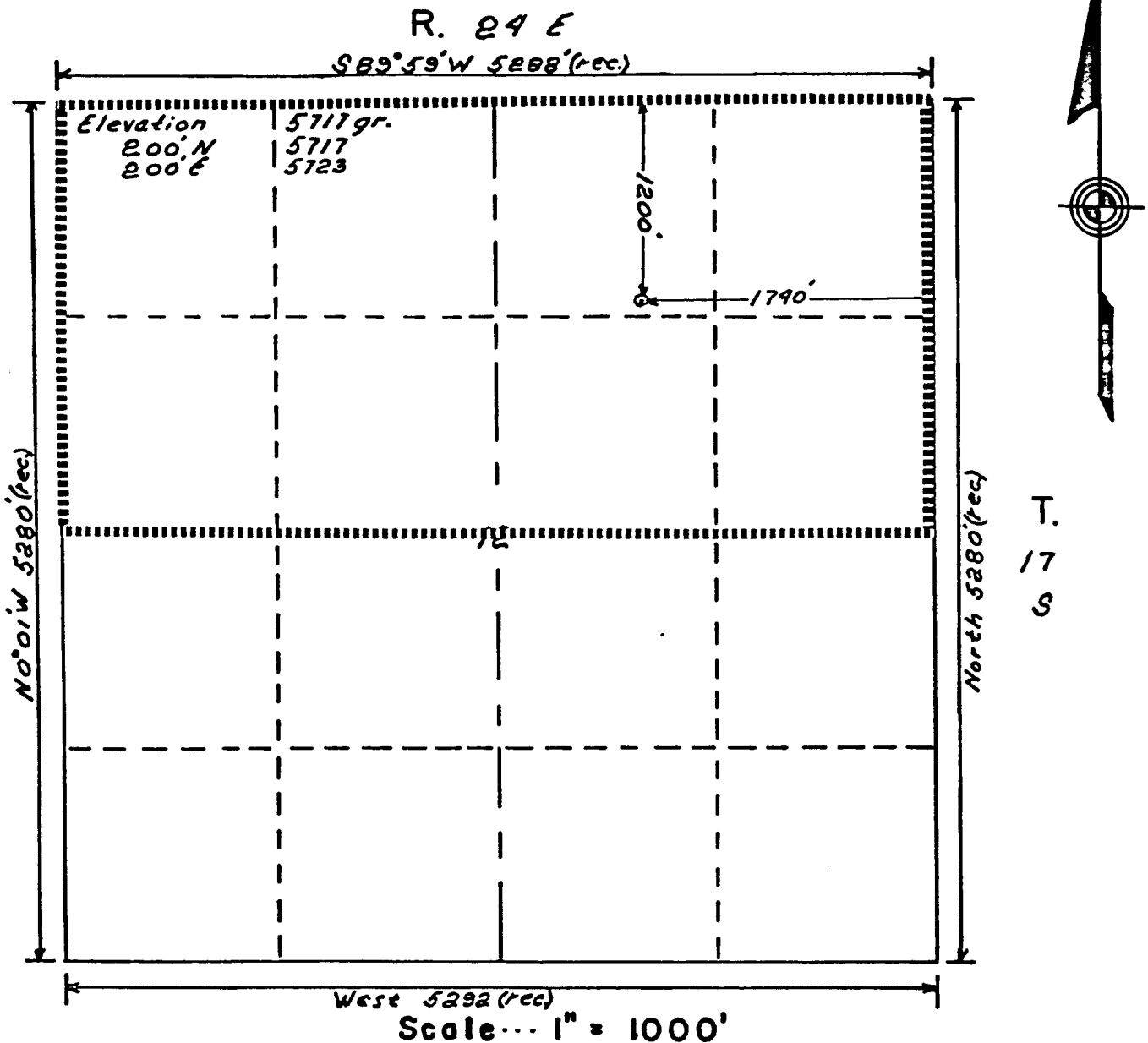
APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 9-18-80
BY: M. J. Mindes

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.	SIGNED <u>M. J. Mindes</u>	TITLE <u>Staff Production Analyst</u>	DATE <u>4/25/80</u>
(This space for Federal or State office use)			
PERMIT NO. <u>43-019-30102</u>	APPROVAL DATE <u>9/18/80</u>		
APPROVED BY _____	TITLE _____	DATE _____	
CONDITIONS OF APPROVAL, IF ANY:			

*See Instructions On Reverse Side

Extra Copy



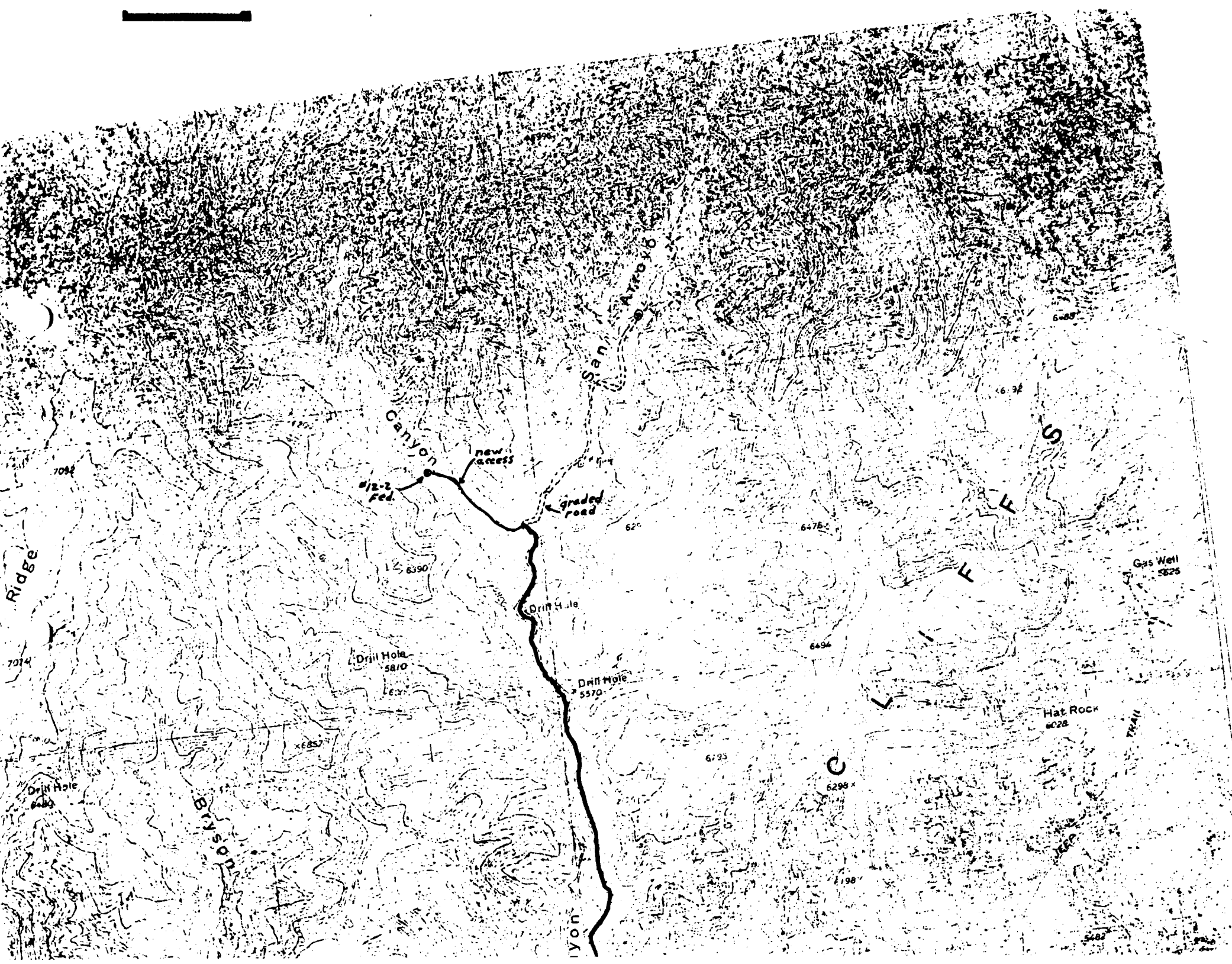
Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Jim Routson
for Palmer Oil & Gas
determined the location of #12-2 Federal
to be 1200' F.N.L. & 1790' F.E.L. Section 12 Township 17^s
Range 24^e Salt Lake Meridian
Grand County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

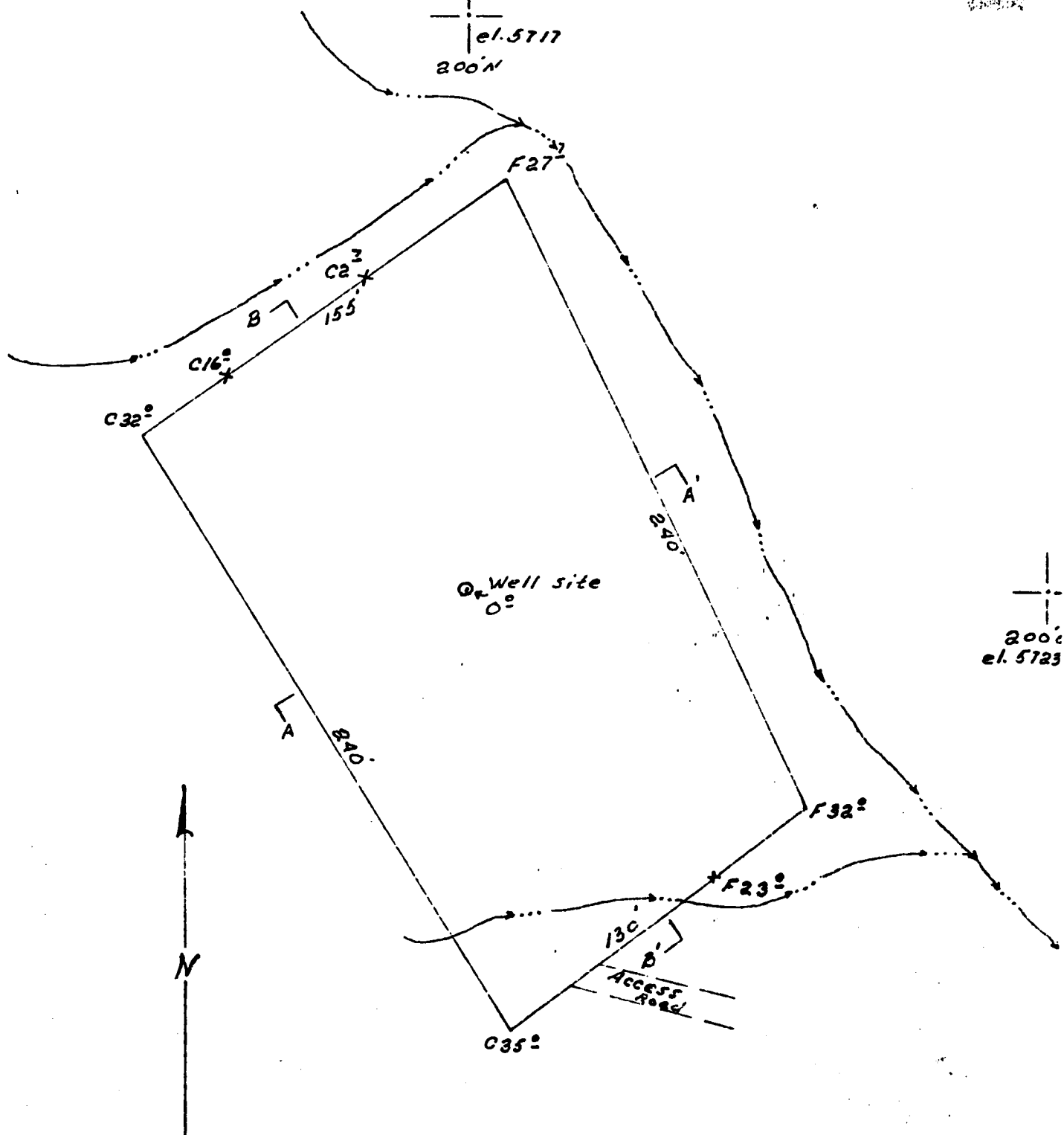
#12-2 Federal

Date: 7-26-79

T. Nelson
Licensed Land Surveyor No. 2711
State of Utah



Topographic Map
Scale 1"=50'



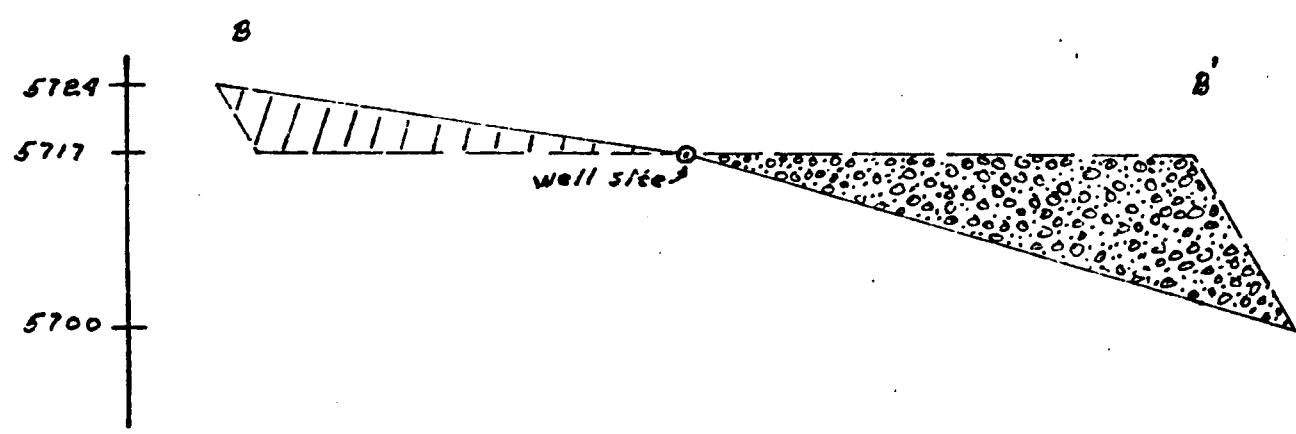
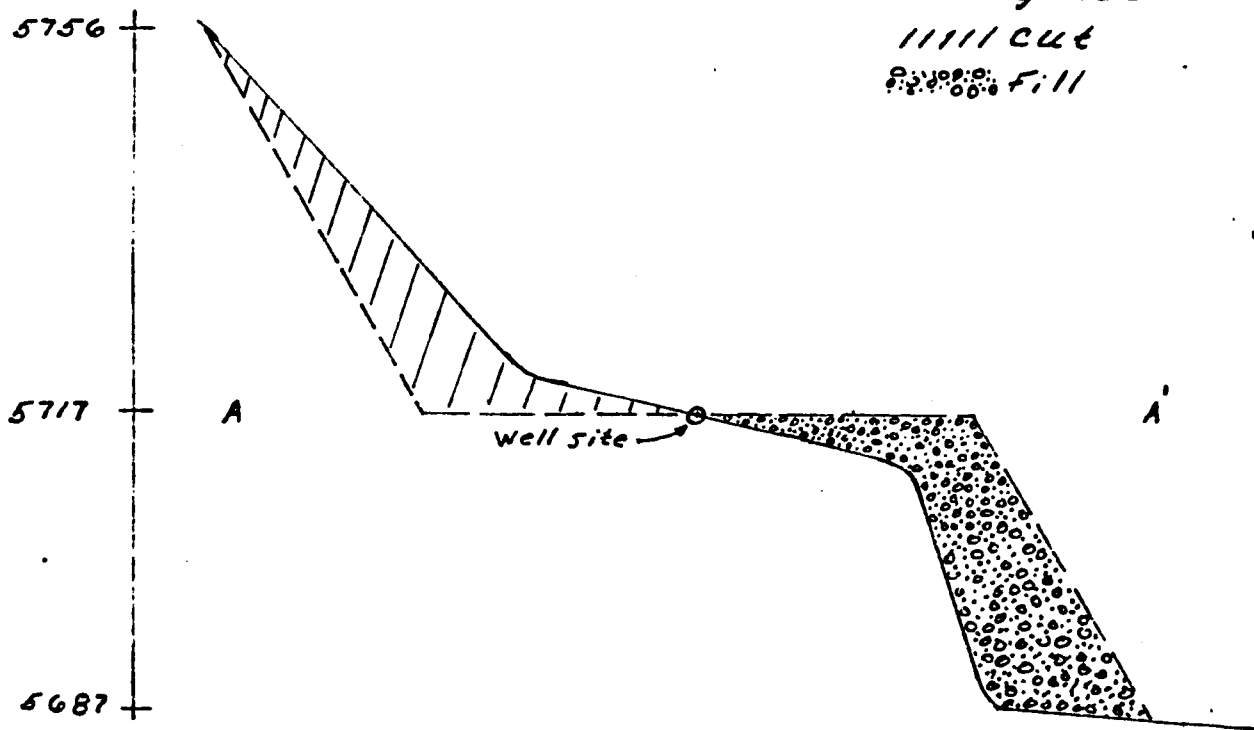
Palmer Oil & Gas
#12-2 Federal
1200' F.N.L. & 1790' F.E.L.
Sec. 12 T17S R24E
Grand Co., Utah

by: Bill Hale 7-26-79
Powers Elevation

Cross Section

Scale
Horiz. 1"=50'
Vert. 1"=20'

Legend
— orig. surface
--- grade
||||| cut
..... fill



Palmer Oil & Gas
12-2 Federal
1200' F.N.L. & 1790' F.E.L.
Sec. 12 T17S R24E
Grand Co., Utah

by: Bill Lane 7-26-7.
Powers Elevation

EA #409-80

USUAL ENVIRONMENTAL ASSESSMENT

Operator: Tenneco Oil Company	Project or Well Name and No. 12-2
Location: 1200' FNL & 1740 FSL	Section: 12 Township: 17S Range 24E
County. Grand	State: Utah Field/Unit: Wildcat
Lease No. U-38030	Permit No. N/A
Joint Field Inspection Date: May 28, 1980	

Field Inspection Participants, Titles and Organizations:

Craig Hansen	U.S.G.S. - Vernal, Utah
John Connors	U.S.G.S. - Grand Junction, Colorado
Elmer Duncan	BLM - Moab, Utah
Lee Freeman	Tenneco Oil Company
Bill Buniger	Dirt Contractor

1j 7/12/80

any

Admission Committee
Feb 1985 x 200
70 x 125
26/10/00
1-1

196

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah

County: Grand

1200' FNL, 1740' FEL, NW 1/4 NE 1/4

Section 12, T 17S, R 24E, S L M.

2. Surface Ownership Location: Public.

Access Road: Public.

Status of
Reclamation Agreements. Not Applicable.

3. Dates APD Filed: April 30, 1980 .

APD Technically Complete: May 6, 1980.

APD Administratively Complete: April 30, 1980 .

4. Project Time Frame

Starting Date. Upon approval .

Duration of Drilling activities: 12 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of Variance Requests:

None known.

The following elements of the proposed action would/could result in environmental impacts:

- 1 A drill pad 155' wide x 240' long and a reserve pit ^{80' x 20'} 75' x 125' would be constructed. Approximately .5 miles of new access road, averaging 20' driving surface, would be constructed from a maintained road. 2.4 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 24'.
2. Drilling.
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

The access road was changed per the attached map to come in from the north edge to reduce grade of approach.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is in the bottom of a narrow north-south trending canyon with a steep wash to the west of the location. The site is located on the south edge of the Book Cliffs.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Coal beds exist in the Price River formation. The beds are currently subeconomic and non-producible.

Information Source: Mineral Evaluation Report.

2. Hazards:

- a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Mineral Evaluation Report.

- b. Subsidence: Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source: Environmental Geology "E.A. Keller". Physical Geology, Leet and Judson.

c. Seismicity. The area is considered a minor risk-no preventive measures or plans have been presented by the operator.

Information Source: Geologic Atlas of the Rocky Mountain Region.

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch although slight over pressuring may be expected in the upper Wasatch formation.

Information Source: APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character: Soil is a deep mildly to strongly alkaline. The surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fluvial washes.

Information Source: "Soils of Utah", Wilson, Field Observation.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B. Leopold, M. Gordon Wolman and John P. Miller, 1964. "Soils of Utah", Wilson.

C. Air Quality: The area is in a Class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah.

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains by non-perennial drainage to San Arroyo Canyon then to the Colorado River.

Information Source: Field Observation.

b. Ground Waters. None anticipated in drilling program.

Information Source APD.

2. Water Quality

a. Surface Waters: No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field Observation.

b. Ground Waters: Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination and commingling of formations via the wellbore would be prevented by an adequate response drilling fluid program. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan.

Information Source: 10-Point Plan.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the BLM-Moab on June 27, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Greasewood cactus, rabbitbrush, juniper, pinion, Indian ricegrass and globe mallow exist on the location.

Information Source: Field Observation.

3. Fauna: Deer, antelope, small rodents, birds and reptiles, foxes, coyotes and domestic livestock exist on or near the location.

Information Source: Field Observation.

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, Field Observation, SMA Representative.

2. Affected Floodplains and/or Wetlands: N/A.

Information Source: Field Observation.

3. Roadless/Wilderness Area: N/A.

Information Source: Field Observation.

H Aesthetics: The operation does not blend in with natural surroundings and could present a visual impact to recreationists. Drilling would be temporary and last about two weeks. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: The effects of one well on local and regional population and economy would be negligible. However, should this well result in a major discovery, an increase in economic activity would be expected. No direct impact to population would be anticipated as most services would be provided from Grand Junction, Colorado. Present transportation routes would need to be expanded. Pipeline routes, presently absent in the area would be necessary to further develop the area.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the formal comments received from BLM-Moab, we determine that there would be no effect on cultural resources subject to the recommended stipulations by BLM and USGS.

Information Source: Attached Stipulations.

K. Adequacy of Restoration Plans: Meet the minimum requirements of NTL-6. The erodibility of area soils could hamper restoration which should commence immediately after drilling or completion. Restoration to pre-drilling conditions could be difficult. The areas short growing season and limited precipitation govern restoration success.

Information Source: APD, Cody M. Hansen, Environmental Scientist. Field Observation.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

a. About 2.4 acres of vegetation would be removed, increasing and accelerating erosion potential.

- b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the San Arroyo Wash. The potential for pollution to San Arroyo Wash would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

- a. All adverse impacts described in section one above could occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

- 1. See attached Lease Stipulations.
- 2. See attached BLM Stipulations.
- 3. Access road will enter location from north edge to allow sufficient grade to location.

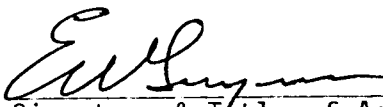
Controversial Issues and Conservation Division Response:

None were found by the writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

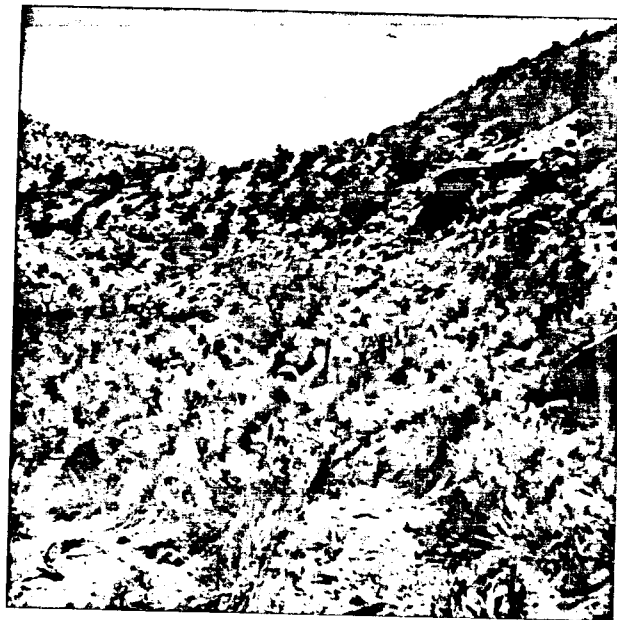
I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER

Signature & Title of Approving Official

JUL 16 1980

Date



*Tenneco
12-2
Looking South.*

8. (D-17-24)6 ba.

Depths of Fresh-Water Zones

Oil Inc., Horse Point Unit No. M-7

2814 fnl, 735 fwl, sec. 6, T 17 S, R 24 E, SLBM, Grand County, Utah

Elev. 6076 ft.

Surface casing to 1850, proposed test to 5900 ft.

In this vicinity the deepest fresh-water zone is the Castle Gate Mem of the Mancos Shale;

Castle Gate Mem 1500 - 1600 aquifer, may contain fresh water or water not too brackish to be used by stock.

Deeper formations, if aquifers, may yield salty water or brine.

CTS

12-2-69

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH
TO: : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

T. 17 S., R. 24 E. SLM
Sec 12
LEASE NO. U-38030

OPERATOR: Tenneco Oil Company WELL NO. 12-2

LOCATION: SE 1/4 NW 1/4 NE 1/4 sec. 12, T. 17 S., R. 24 E., SLM
Grand County, Utah

Stratigraphy: Operator logs appear reasonable

Price River	Surface	Dakota	4470
Manacos	590	Morrison	4585
Castlegate	840	Salt Wash	5010
Frontier	4105	TD	5200
Dakota Silt	4360		

Fresh Water:

See attached WRD report

Leasable Minerals:

Coal beds exist in the Price River Fm. & Dakota SS.
All beds are thin and currently subeconomic.
Gas in Dakota, Cedar Mtn., and Morrison

Additional Logs Needed: Adequate

Potential Geologic Hazards: None anticipated

References and Remarks: Monograph Series #2

Signature: Gregory W. Wood Date: 5-10-80

15 MAY 1980

SEED MIXTURE
(Mountain Brush Type)

<u>Grasses</u>		<u>lb/ac.</u>
Oryzopsis hymenoides	Indian rice grass	2
Stipa comata	Needle & Thread grass	2
Poa secunda	Blue grass	2
<u>Shrubs</u>		
Pershia tridentata	Bitterbrush	2
Cercocarpus ledifolius	Curleaf Mtn. Mahogany	<u>2</u>
		10

1. The geological name of the surface formation:
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe ✓
in the hole. One set of blind rams at all times. Fill line will be 2",
kill line will be 2", choke relief line will be 2". BOP's, drills and tests
will be recorded in the driller's log. BOP will be tested every 24 hours
and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available
on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be main-
tained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are ex-
pected to be encountered.
10. The drilling of this well will start approximately (JUNE/JULY) and
continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

DRILLING PROCEDURE

DATE: February 21, 1980

LEASE: Edwards USA

WELL NO.: 12-2

LOCATION: 1200' FNL, 1740' FEL
Sec. 12, T 17S, R 24E
Grand County, Utah

FIELD:

ELEVATION: 5760' Est. G.L.

TOTAL DEPTH: 5200'

PROJECTED HORIZON: Morrison

SUBMITTED BY: John W. Owen DATE: 2/21/80

APPROVED BY: _____ DATE: _____

JWO/ms

CC: Administrative (D.T. - 1)
DSB Well File
Field File

ESTIMATED FORMATION TOPS

Mesa Verde	Surface
Mancos	590'
Castlegate	840' (Water and/or gas)
Frontier	4105'
Dakota Silt	4360'
Dakota	4470' (Gas)
Morrison	4585' (Gas and/or water)
Salt Wash	5010'
Entrada	N/A
T.D.	5200'

1. No abnormal pressure, temperature, or H₂S is anticipated in this well.
2. Reserve pit shall be fenced on three sides during drilling operations.

1. MIRURT.
2. Set 1-3 joints of 9 5/8" casing as needed to be used as conductor pipe.
3. Install casing head and nipple up rotating head and bloopie line.
4. Drill 8 3/4" hole to $\pm 1050'$, or through the Castlegate Formation.
5. Run 7", 23#, K-55, ST&C surface casing to T.D. Cement with sufficient volume to circulate cement to the surface.
6. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
7. TIH and displace water in casing with air. Drill out shoe and dry up hole.
8. Drill 6 1/4" hole to T.D.
9. Log well as per G. E. Department recommendations.
10. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

CONDUCTOR:	30' to 125' as needed.	9-5/8", 36#, K-55, ST&C
SURFACE:	$\pm 1050'$	7", 23#, K-55, ST&C
PRODUCTION:	5200'	4-1/2", 10.5#, K-55, ST&C

1. Anticipate drilling entire hole with air.
2. In the event liquids are encountered, mist drilling will be attempted.
3. Should mist drilling be unsuccessful, the hole will have to be mudded up.
4. Also, if gas is encountered in sufficient volume to compromise the safety of the operations, mudding up will be required.
5. If mudding up is necessary, the following guidelines should be followed:
 - (1) Weight \pm 9.0 ppg.
 - (2) Vis. as needed to clean hole.
 - (3) W.L. 10 cc or less.

EVALUATION

Cores and DST's: No cores or DST's are anticipated.

Deviation Surveys:

0-+1050' 1°)
 1050'-T.D. 5°) Surveys to be run every 500' or on trips, whichever comes first. Surveys will be reported on the IADC Drilling Report Sheet.

Maximum allowable deviations:

- (1) 1° per 100' interval
- (2) 1° at + 1050'.
- (3) 5° at T.D.

Samples: None.

<u>Logs:</u>	SNP/GR)		FDC/CNL)	
	FDC/GR)	Air Drilled	DIL/LL8 w/sp)	Mud Drilled
	DIL)				

BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air/mist holes.
3. Preventers must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

1. 303-758-7130 (Office) Don Barnes
303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)
303-936-0704 (Home) Don Barnes, weekends and holidays.
2. George Ramsey (Home) 303-771-5154.
3. John Owen (Home) 303-795-0221.

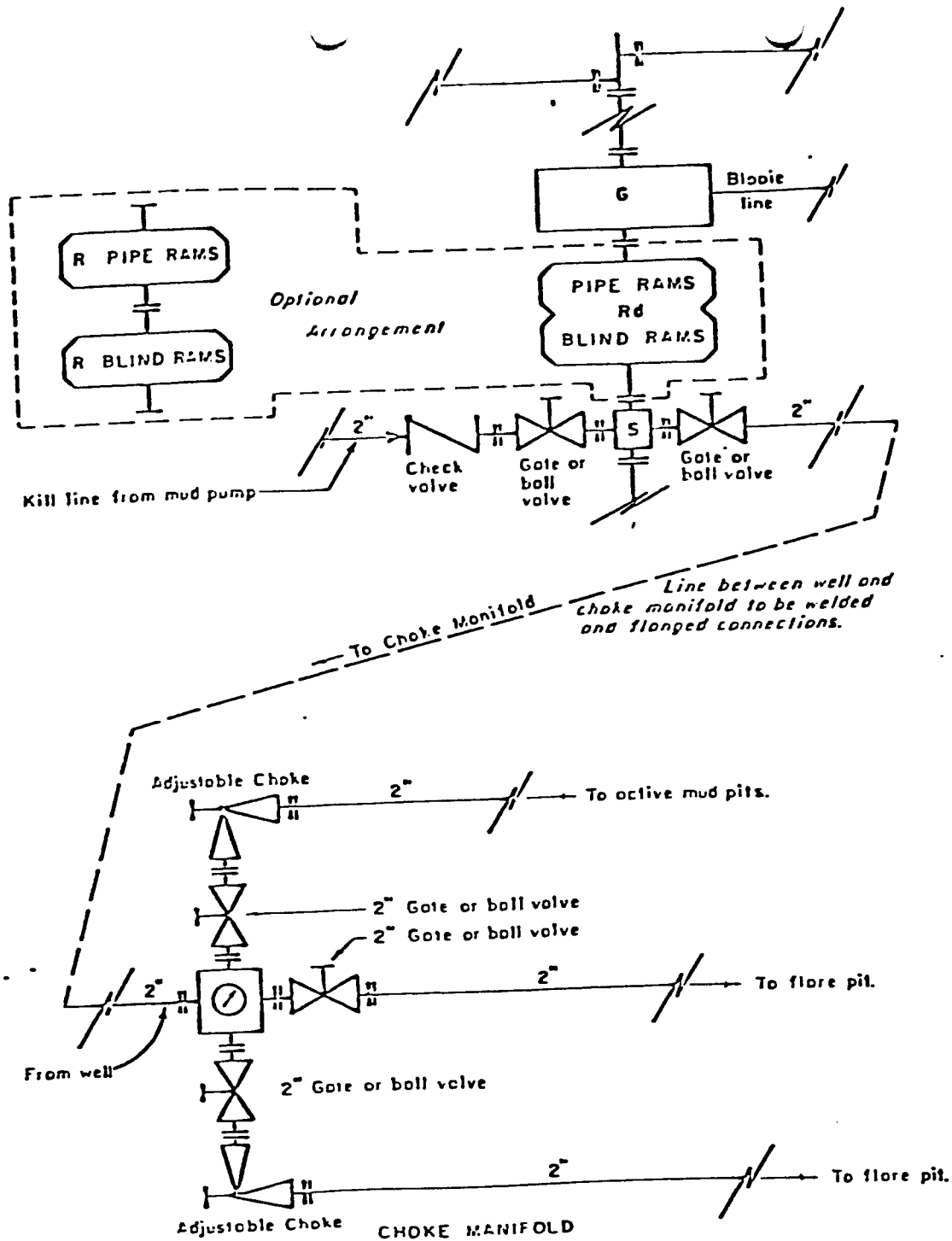
The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: Drilling Department

IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.
2. Mr. George E. Ramsey, Jr., Drilling Engineers Supervisor
3. Mr. John W. Owen, Project Drilling Engineer.
4. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).



All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKE MANIFOLD

1. Existing Roads

- A. Proposed Well Site Location: as surveyed by a registered land surveyor 12 FNL, 1740 FEL Sec. 12, T.175, R.24E

See Exhibit I

- B. Planned Access Route:

See Exhibit II

- C. Access Road Labelled:

Color Code: Red - Improved Surface
Blue - New Access Road

- D. Not applicable - the proposed well is a development well.
- E. The proposed well is a development well. See Exhibit for existing roads within a one mile radius.
- F. Existing Road Maintenance or Improvement Plan:
The existing roads will require minimal maintenance.

2. Planned Access Roads

(All roads are existing roads.)

- A. Width:
The average width of the road is twenty feet.
- B. Maximum Grades: Grades will be held to a minimum where topography allows.
- C. Turnouts:
There are no turnouts planned as sight distance is sufficient.
- D. Drainage Design:
The road will be center crowned to allow drainage.
- E. Culverts Use Major Cuts and Fills:
Maximum cut will be 35'
maximum fill will be 32'
- F. Surfacing Material:
Native soil has been wetted, bladed and compacted to make the road surface, which is existing.

2. Planned Access Roads (Cont'd)

- G. Gates, Cattleguards, Fence Cuts:
No gates, cattleguards or fences will be needed.
- H. New Roads Centerlined Flagged:
Existing Roads.

3. Location of Existing Wells

The proposed well is a development well. Exhibit shows existing wells within a one mile radius.

- A. Water Wells: NA
- B. Abandoned Wells: NA
- C. Temporarily Abandoned Wells: NA
- D. Disposal Wells: NA
- E. Drilling Wells: NA
- F. Producing Wells: NA
- G. Shut-In Wells: NA
- H. Injection Wells: NA
- I. Monitoring or Observation Wells: None.

4. Location of Existing and/or Proposed Facilities

- A. Existing facilities within one mile owned or controlled by Lessee/Operator:

- (1) Tank batteries - NA
- (2) Production facilities - NA
- (3) Oil Gathering Lines - NA
- (4) Gas Gathering Lines - NA
- (5) Injection Lines - NA
- (6) Disposal Lines - NA

- B. New facilities in the event of production:

- (1) new facilities will be placed within the area of disturbance
- (2)

- (3) Construction Materials/Methods:
Construction materials will be native to the site.
Facilities will consist of a well pad.

- (4) Protection of Wildlife/Livestock:

pits will be fenced to protect wildlife and/or livestock

4. Location of Existing and/or Proposed Facilities (Cont'd)

B. New facilities in the event of production: (cont'd)

(5) Wellhead, tank, production unit

C. Rehabilitation of Disturbed Areas:

Following the completion of construction, those areas required for continued production will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with surrounding topography per BLM recommendations.

5. Location and Type of Water Supply

A. Location and type of water supply:

Water will be purchased from Bill Buniger

B. Water Transportation System:

Water trucks will be used.

C. Water wells:

N/A.

6. Source of Construction Materials

A. Materials:

Construction materials will consist of soil native to the site. Any topsoil, if present, will be stripped and stockpiled as needed.

B. Land Ownership;

The planned site and access road is on federal land administered by the Bureau of Land Management.

C. Materials Foreign to the Site:

N/A.

D. Access Roads:

No additional roads will be required.

7. Methods for Handling Waste Disposal

A. Cuttings:

Cuttings will be contained in the reserve pit.

B. Drilling Fluids:

Drilling fluids will be retained in the reserve pit.

C. Produced Fluids:

Produced fluids, including produced water will be collected in the reserve pit. Any small amount of hydrocarbon that may be produced during testing will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon material will be skimmed.

7. Methods for Handling Waste Disposal (Cont'd)

- D. Sewage:
Sanitary facilities for sewage disposal will consist of at least one pit toilet, during the driller operations. The pit will be backfilled immediately following completion of the drilling operation.
- E. Garbage:
There probably will not be much putrescible garbage to dispose of. However, it will be disposed of along with the refuse in a constructed burn pit, which will be fenced. The small amount of refuse will be burned and the pit will be covered with a minimum 36 inch cover upon completion.
- F. Clean-Up of Well Site:
Upon the release of the drilling rig, the surface of the drilling pad will be prepared to accommodate a completion rig, if testing indicates potential productive zones. In either case, the "mouse hole" and "rat hole" will be covered to eliminate a potential hazard to livestock. The reserve pit will be fenced to prevent entry of livestock until the pit is backfilled. Reasonable clean up will be performed prior to final restoration of the site.

8. Ancillary Facilities

None required.

9. Well Site Layout

- A. See Exhibit III, IIIA
- B. Location of pits, etc. See Exhibit IV
- C. Rig orientation etc. See Exhibit IV
- D. Lining of pits:
Pits will not be lined. They will be covered with a fine mesh netting, if necessary, for the protection of wildlife if fluids are found to be toxic.

10. Plans for Restoration of Surface

- A. Reserve pit clean up:
The pit will be fenced prior to rig release and shall be maintained until clean up. Prior to backfilling any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured as needed to minimize erosion. The reserve pit area will be seeded per BLM recommendations during the appropriate season following final restoration of the site.

10. Plans for Restoration of Surface (Cont'd)

- B. Restoration Plans - Production Developed:
The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography, and seeded, per BLM recommendations. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those under Item C. below.
- C. Restoration Plan - No Production Developed:
The reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored. The site will be contoured to blend with the surrounding topography. The site will be seeded according to BLM recommendations. If the new access road is not required for other development plans, it will be obliterated and restored and seeded per BLM recommendations.
- D. Rehabilitation Time Table:
Upon completion of operations the initial clean up of the well site will be performed. Final restoration of the site will be performed as soon as possible according to procedural guidelines published by the USGS and BLM. Seeding of the disturbed areas which are no longer required will be performed during the appropriate season, following final restoration.

11. Other Information

- A. Surface Description: The proposed site is located up a small canyon off an arroya. The area has steep side slopes and alluvial bottom.
- B. Surface Use Activities:
The surface is federally owned and managed by the BLM. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwellings and Historical Sites:
1. Water:
There are no reservoirs or streams in the immediate area.
 2. Occupied Dwellings:
There are no occupied dwellings or buildings in the area.
 3. Sites:
An archeological reconnaissance has been performed for this location and clearance has been granted.

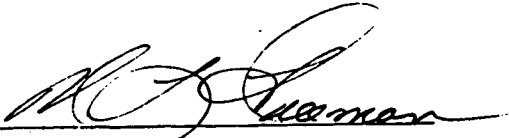
12. Operator's Field Representative

Donald S. Barnes
Division Drilling Engineer
Tenneco Oil Company
720 South Colorado Blvd.
Penthouse
Denver, CO 80222
(303) 758-7130 Ext. 212

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and subcontractors will conform to this plan.

Date: _____


M. L. Freeman
Staff Production Analyst

TENNECO OIL COMPANY

IV

CALCULATION SHEET

EXHIBIT

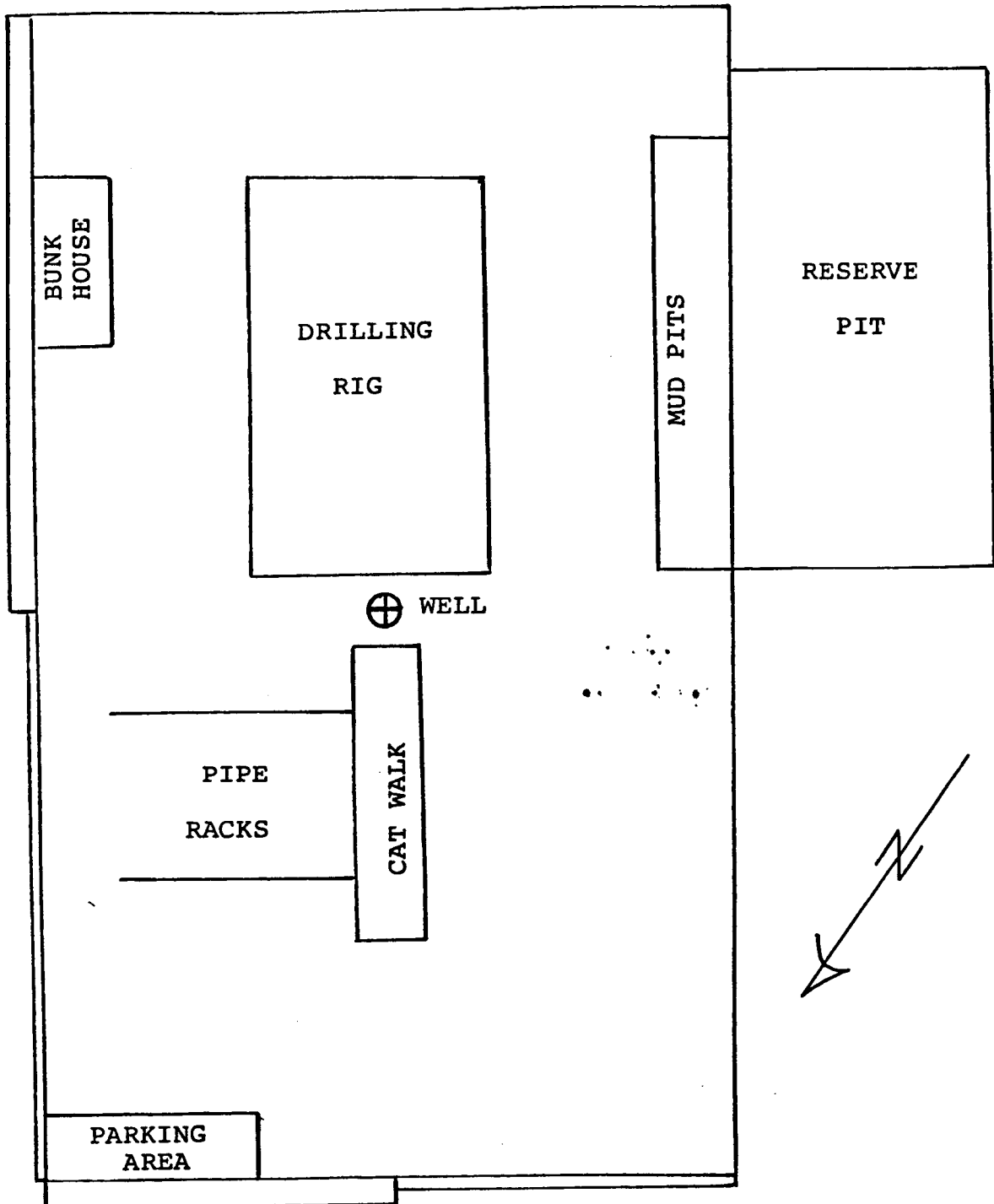
COMPANY

SUBJECT DRILLING WELL SITE LAYOUT

EDWARDS 12-2

LOCATION

DATE 4-25-80



** FILE NOTATIONS **

DATE: September 16, 1980

OPERATOR: Service Oil Company

WELL NO: Edwards USA #12-2

Location: Sec. 12 T. 17S R. 24E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30702

CHECKED BY:

Petroleum Engineer: M. J. Minder 9-18-80

Approval for well in unit spaced unit located north/s
of section

Director: _____

Administrative Aide: OK on gas well spacing per order

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 165-4 6/26/79

O.K. Rule C-3 ☐

#3
laydown

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Ind

Plotted on Map ☒

Approval Letter Written

☒ ltn

Hot Line

☒

P.I.

☒

September 18, 1980

Tenneco Oil Company
720 South Colorado Boulevard
Denver, Colorado 80222

Well No. Edwards USA #12-2
Sec. 12, T. 17S, R. 24E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 165-4 dated June 26, 1979. This well has been designated as a laydown 520.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019030702.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm
cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1200' FNL, 1740' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☒
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☐
☐
☐
☐
☐
(other) Commence drilling operations

5. LEASE
U-38030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Edwards USA

9. WELL NO.
12-2

10. FIELD OR WILDCAT NAME
Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 12, T17S, R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5717' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/31/80 -- Spud well 12/30/80. Set 9-5/8" conductor pipe @ 140' and cmt. w/50 sx Redi-Mix. Reduce hole to 8-3/4" and drill ahead. Drill to 1050'. RU and run 26 jts. 7" 23# csg. set @ 1048'. Cmt. w/110 sx 50/50 POZ mix, 2% gel and 2% CACL₂. PD. NUBOE. PT NUBOE to 1000 PSI. Held OK. Blow hole dry, drill shoe jt. Reduce hole to 6-1/4" continue drilling.

RECEIVED

JAN 19 1981

Subsurface Safety Valve: Manu. and Type

DIVISION OF OIL, GAS & MINING Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Carly Patterson TITLE Asst. Div. Adm. Mgr. DATE 1/12/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, Co 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1200' FNL 1740' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒
☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

U-38030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Edwards USA

9. WELL NO.

12-2

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 12, T17S R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5717' gr

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/10/81 RU and run 96 jts 4½" 10.5# and 50 jts 4½" 11.6# csg. Set @ 4878.
Cmt w/300sx CL-H. 10% THC-60, 10% salt, 3% KCL, and .3% MFR-1. PD Float held
OK. Set slips cut off csg. Set wellhead. Release Rig 1/09/81.

RECEIVED

JAN 20 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Carolyn Statten TITLE Asst. Div. Adm. Mgr DATE January 22, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1200' FNL, 1740' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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5. LEASE
U 38030
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
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Edwards USA
9. WELL NO.
12-2
10. FIELD OR WILDCAT NAME
Morrison
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Section 12, T17S, R24E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5717' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/31/81. MIRU swab unit. Installed BOP's. RIH w/3-3/4" bit and 2-3/8" tbg. Tagged bottom @ 4864'. Cir'd hole w/2% KCL water. PT up to 4000 PSI. Held 15 mins. Swabbed fluid down to 3860'. POOH w/2-3/8" tbg. and bit.

2/3/81. Perf Dakota @ 2 JSPF; 4308-28', 20' 40 holes. RIH w/pkr, 2-3/8" tbg., F nipple. Set pkr. @ 4200'. Acidized w/500 gals. 7-1/2% DI-HCL and 50 ball sealers. Flushed to perms w/2% KCL water. Swabbed back acid. AIP: 1800 PSI, AIR: 3.5 BPM, ISIP: 1000 PSI, 10 min SIP: 500 PSI.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED William H. Kight TITLE Asst. Div. Adm. Mgr DATE 2/6/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R3556

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Tenneco Oil Company							
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1200' FNL, 1740' FEL NW NE At top prod. interval reported below At total depth							
14. PERMIT NO. 43-019-30702				DATE ISSUED 9-18-80			
5. LEASE DESIGNATION AND SERIAL NO. U-38030		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Edwards USA	
9. WELL NO. 12-2		10. FIELD AND POOL, OR WILDCAT Morrison Wildcat		11. SECTION, T., R., M., OR BLOCK AND SURVEY Section 12, T17S, R24E		12. COUNTY OR PARISH Grand	
13. STATE Utah		15. DATE SPURRED 12/30/80		16. DATE T.D. REACHED 1/9/81		17. DATE COMPL. (Ready to prod.) 2/10/81	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5717' gr.		19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 4895'		21. PLUG, BACK T.D., MD & TVD 4864'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY --		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4308-4328' Dakota		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIO/SP/GR, FDC/CNL/GR, BHC		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)			
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		140'		12-1/4"	
7"		23#		1048'		8-3/4"	
4-1/2"		10.5, 11.6#		4878'		6-1/4"	
CEMENTING RECORD		AMOUNT PULLED		29. LINER RECORD			
50 sx Redi Mix				SIZE			
110 sx 50/50 POZ mix, 2% gel				TOP (MD)			
300 sx CL-H, 10% THC-60, 10% NaCl ₂				BOTTOM (MD)			
				SACKS CEMENT*			
				SCREEN (MD)			
				30. TUBING RECORD			
				SIZE			
				DEPTH SET (MD)			
				PACKER SET (MD)			
				2-3/8"			
				4000' KB			
31. PERFORATION RECORD (Interval, size and number) 4308-4328' 20' 40 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				4308-28'			
				500 gals 7 1/2% DI-HCL & 50 ball sealers			
33. PRODUCTION							
DATE FIRST PRODUCTION 2/10/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 2/10/81		HOURS TESTED 2 hrs.		CHOKE SIZE 1 1/4 Orifice		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO Q = 893	
FLOW. TUBING PRESS. 12 PSI		CASING PRESSURE 205 PSI		CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Electric and other logs to be forwarded by Schlumberger.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Carley Tatta</i>		TITLE Asst. Div. Adm. Mgr.				DATE 2/17/81	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	4240'	4490'	Sand, shale, gas, water	Mancos B	1390'	
Morrison	4490'	TD	Shale, sand, water, gas	Frontier	3925'	
				Dakota Silt	4187'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood, Co 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1200' FNL 1740' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☒
☐
☐
☐
☐
☐
☐
☐

5. LEASE

U-38030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Edwards USA

9. WELL NO.

12-2

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 12 T17S R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5717' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/4/81. RIH w/2-3/8" tbg. and knock balls off perfs. POOH w/2-3/8" tbg and pkr. RIH w/open ended tbg and F nipple. Landed @ 4000'. Swabbed well in and tested for rate. (21 MCFPD)

2/5/81. SITP: 800PSI. SICP: 740PSI. Frac'd down tbg and csg w/75% quality foam and 20/40 sand as follows: 100bbbls pad, 70bbbls w/4ppg 20/40 sand, 70bbbls w/6ppg 20/40 sand, 35bbbls w/8ppg 20/40 sand, 35bbbls w/10ppg 20/40 sand, 35bbbls w/12ppg 20/40 sand. AIR: 24BPM, ISIP: 3500PSI, 5 min SIP: 2350 PSI, 10 min SIP: 2200PSI, 15 min SIP: 2150 PSI.

2/6/81. Lowered tbg to 4335'. RD BOP's. Installed tree. Flowing well to pit to clean-up.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Carley Statton

Asst. Div. Adm. Mgr. DATE February 16, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

April 25, 1984

RECEIVED

APR 27 1984



DIVISION OF OIL
GAS & MINING

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

096
TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

✓T. 17S R 24E Sec 4 Federal 4-12
✓T17S R 24E Sec. 14 Hogle USA 14-4
✓T17S R24E Sec 3 Federal 3-8
✓T17S R24E Sec 3 Federal 3-15
✓T16S R24E Sec 35 Federal 35-10
✓T17S R24E Sec 2 Dietler State 2-14
✓T17S R24E Sec 2 Dietler State 2-7
✓T16S R25E Sec 31 Calvinco USA 31-12
✓T17S R24E Sec 1 Reinauer 1-5
✓T17S R24E Sec 1 Reinauer 1-14
✓T16S R24E Sec 36 Tenneco State 36-14
✓T16S R24E Sec 36 Tenneco State 36-16
✓T16S R 24E Sec 35 Brown USA 35-3
✓T17S R24E Sec 12 Edward 12-2
✓T17S R25E Sec 7 Winter Camp Unit 7-14
✓T17S R24E Sec 11 Hogle 11-12
✓T17S R25E Sec 6 Federal 6-7
✓T17S R25E Sec 7 Federal 7-4
✓T16S R25E Sec 17 Federal 17-9
✓T16S R25E Sec 14 Federal 14-2
✓T16S R26E Sec 16 State 16-4
✓T16S R25E Sec 13 Carlson USA 13-4
✓T17S R24E Sec 5 Federal 5-13
✓T16S R24E Sec 33 Wilson USA 33-15
✓T17S R25E Sec 6 Federal 6-14
✓T16S R25E Sec 13 Federal 13-9
✓T16S R26E Sec 33 Federal 33-13
T17S R26E Sec 5 Federal 5-4
✓T16S R26E Sec 32 State 32-1
✓T16S R26E Sec 32 State 32-11
✓T17S R24E Sec 12 Tenneco USA 12-9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 06585
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW NE 1200' FNL & 1740' FEL		8. FARM OR LEASE NAME Edwards USA
14. PERMIT NO. 42-019-30702		9. WELL NO. 12-2
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Bryson Canyon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-T17S-R24E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8-1-90 Quinoco Petroleum, Inc. operator #N9477 has changed it's name to Hallwood Petroleum, Inc.

RECEIVED
FEB 22 1991

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Sr. Engineering Tech. DATE 12-1-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 216
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303)856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
WESTBIT U 1			WSTC✓		U-05010	*	
4301915047	05215 16S 25E 10		WSTC✓		U-05010		
WESTBIT 2			WSTC✓		U-05010		
4301915048	05220 16S 25E 9		WSTC✓		U-05010		
FEDERAL 6-14			DKTA✓		U-38842		
4301930462	06525 17S 25E 6		DKTA✓		U-38842		
HOGLE USA 14-4			DK-MR✓		SL-071172		
4301930507	06535 17S 24E 14		DK-MR✓		SL-071172		
FEDERAL 6-7			DKTA✓		U-38842		
4301930516	06540 17S 25E 6		DKTA✓		U-38842		
STATE 2-14			CDMTN✓		ML-27489		
4301930571	06560 17S 24E 2		CDMTN✓		ML-27489		
STATE 2-7			DKTA✓		ML-37489	*	
4301930604	06565 17S 24E 2		DKTA✓		ML-37489	*	
STATE 36-14			DKTA✓		ML-33908	*	
4301930605	06570 16S 24E 36		DKTA✓		ML-33908	*	
REINAUER 1-5			DKTA✓		U-38838A	*	
4301930697	06575 17S 24E 1		DKTA✓		U-38838A	*	
HOGLE 11-12L 1			DKTA✓		SL-071172	*	
4301930701	06580 17S 24E 11		DKTA✓		SL-071172	*	
EDWARDS USA 12-2			DKTA✓		U-38030		
4301930702	06585 17S 24E 12		DKTA✓		U-38030		
CALVINCO 31-12			DKTA✓		U-13031	(910904 Still Quinoco CR92 "C.A.")	
4301930704	06595 16S 25E 31		DKTA✓		U-13031		
REINAUER 1-14			DKTA✓		U-38838A	*	
4301930733	06600 17S 24E 1		DKTA✓		U-38838A	*	
TOTAL							

Comments (attach separate sheet if necessary) *Operator name from Quinoco to Hallwood Petroleum, Inc.
eff. 7-18-91. (910904 St. Lands / Becky awaiting additional documentation.)

I have reviewed this report and certify the information to be accurate and complete. Date _____

Telephone _____

Authorized signature _____

* see oper. chg.
Hallwood to Northstar
eff 8-1-91.

PLEASE COMPLETE FORMS IN BLACK INK



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SL-071172

(U-942)

41374 CR176

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab

From: Chief, Minerals Adjudication Section

Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SL-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Omimex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

WJ EHK

LIST OF AFFECTED LEASES

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 -✓
U-38033 -✓
U-38842 -✓
U-39254
U-41374
U-62844

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Effective 8/1/90 Quinoco Petroleum, Inc. operator #N9477 changed it's name to Hallwood Petroleum, Inc. The wells effected by this change are:

Well Name	Federal Lease #	Utah #
- Dietler State 2-14 42-019-30571	N/A - Sec. 2, T. 17S, R. 24E	06560
- Edwards 12-2 42-019-30702	UTU38030 Sec. 2, T. 17S, R. 24E	06585
- Federal 6-7 42-019-30516	UTU38842 Sec. 6, T. 17S, R. 25E	06540
- Federal 6-14 42-019-30462	UTU38842 Sec. 6, T. 17S, R. 25E	06525
- Federal 7-4 42-019-30517	UTU38033 Sec. 7, T. 17S, R. 25E	06550
- Hogle USA 14-4 42-019-30507	UTSL071172 Sec. 14, T. 17S, R. 24E	06535
- State 16-4 42-019-30433	N/A Sec. 16, T. 16S, R. 26E	06620
- Tenneco USA 12-9 42-019-30748	U41374 Sec. 12, T. 17S, R. 24E	06605
- Wesbit 2 42-019-15048	UTU17942 Sec. 9, T. 16S, R. 25E	05220
- Wintercamp 7-14 42-019-30773	UTU38033 Sec. 7, T. 17S, R. 25E	06610

RECEIVED

AUG 19 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Sheely

TITLE Sr. Engineering Technician

DATE 8/16/91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<i>for</i>
2- DES	
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>✓</i>
6- LCR	<i>for</i>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold) ☐ Designation of Agent
Designation of Operator ☒ Operator Name Change Only "MERGER"

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator) HALLWOOD PETROLEUM, INC.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 5100 (3-5-91)

FROM (former operator) QUINOCO CO.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

Well(s) (attach additional page if needed):

*Also see Hallwood to Northstar
oper. chg. eff 8-1-91*

Name: <u>(SEE ATTACHMENT)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- ✓* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- ✓* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*same*)
- ✓* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #110236.
- ✓* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- ✓* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*9-6-91*)
- ✓* 6. Cardex file has been updated for each well listed above. (*9-6-91*)
- ✓* 7. Well file labels have been updated for each well listed above. (*9-6-91*)
- ✓* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*9-6-91*)
- ✓* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

ID VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Sept 16 1991. If yes, division response was made by letter dated Sept 16 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated Sept 16 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. ** See Hallwood to Northstar oper. chg. ctt 8-1-91*

INDEXING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910904 BLM/MOAB Confirmed change of operator "merger" from Quinoco to Hallwood. All wells except for 43-019-30704 / Calvinco 31-12 "CR92 C.A." which is still considered Quinoco.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Budget Form No. 1004-1
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Hallwood Petroleum, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 378111 Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

14. PERMIT NO.

43-019-20702

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

UTU 38030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Edwards USA

9. WELL NO.

12-2

10. FIELD AND POOL OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 12 T17S R24E

12. COUNTY OR PARISH 13. STATE

Grand

UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/92 Hallwood Petroleum, Inc. is turning over all interest and operations of this well to:

Lone Mountain Production Company
P.O. Box 3394
Billings, MT 59103-3394

RECEIVED

JUL 29 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Shuly

TITLE Sr. Engineering Technician

DATE 7/27/92

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1001-0135
Expires August 31, 1985
D. LEASE DESIGNATION AND SERIAL NO.

U-38030

E. IF INDIAN, ALLOTTEE OR TRIBE NAME

F. UNIT AGREEMENT NAME

G. FARM OR LEASE NAME

Federal

H. WELL NO.

Edwards USA No. 12-2

I. FIELD AND FOOT, OR WILDCAT

Bryson Canyon

J. SEC., T., R., W., OR PLK. AND
SURVEY OR AREA

NW NE Sec. 12:T17S-R24E

K. COUNTY OR PARISH

L. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Lone Mountain Production Company

3. ADDRESS OF OPERATOR

P. O. Box 3394, 404 Petroleum Building, Billings, MT 59103

4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

1200' FNL, 1740' FEL Section 12

14. PERMIT NO.

43-019-30702

15. ELEVATION (Show whether DF, RT, OR, etc.)

5717 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) change of operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company will become operator of the above referenced well effective August 1, 1992. The well was formerly operated by Hallwood Petroleum.

RECEIVED

JUL 29 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE President

DATE July 27, 1992

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

July 27, 1992

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

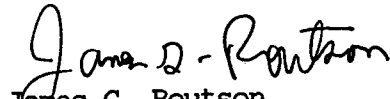
Re: Change of Operator
Sundry Notices
Grand County, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for ten wells on which Lone Mountain Production Company is assuming operations effective August 1, 1992. The wells were all previously operated by Hallwood Petroleum. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company


James G. Routson
President

Enclosures

xc: Joe Dyk
Hallwood

RECEIVED

JUL 29 1992

DIVISION OF
OIL, GAS & MINING

Routing:	
1-LCR	7-LCR
2-DTS	
3-VLC	
4-BJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92)

TO (new operator)	<u>LONE MTN PRODUCTION CO.</u>	FROM (former operator)	<u>HALLWOOD PETROLEUM INC.</u>
(address)	<u>PO BOX 3394</u>	(address)	<u>PO BOX 378111</u>
	<u>BILLINGS, MT 59103</u>		<u>DENVER, CO 80237</u>
	<u>JAMES ROUTSON, PRES.</u>		<u>DEBI SHEELY</u>
	phone (<u>406</u>) <u>245-5077</u>		phone (<u>303</u>) <u>850-6322</u>
	account no. <u>N 7210</u>		account no. <u>N 5100</u>

Well(s) (attach additional page if needed):

Name: <u>EDWARDS USA 12-2/DKTA</u>	API: <u>43-019-30702</u>	Entity: <u>6585</u>	Sec <u>12</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38030</u>
Name: <u>USA 12-9/DKTA</u>	API: <u>43-019-30748</u>	Entity: <u>6605</u>	Sec <u>12</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-41374</u>
Name: <u>WINTER CAMP 7-14/DK-MR</u>	API: <u>43-019-30773</u>	Entity: <u>6610</u>	Sec <u>7</u> Twp <u>17S</u> Rng <u>25E</u>	Lease Type: <u>U-38033</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-29-92)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 7-29-92)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-25-92 12-2 & 7-14)
- 1 6. Cardex file has been updated for each well listed above. (8-25-92 12-2 & 7-14)
- 1 7. Well file labels have been updated for each well listed above. (8-25-92 12-2 & 7-14)
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-25-92 12-2 & 7-14)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- for 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) .
for Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- for RWN 1. All attachments to this form have been microfilmed. Date: Sept 9, 1992 19 .

FILING

- for 1. Copies of all attachments to this form have been filed in each well file.
- for 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

Btm / moab Approved c.H. 8-1-92 (12-2 & 7-14)

Btm / S.T. CR176 "USA 12-9" Not approved as of 8-4-92. (separate change)

GREAT WESTERN ONSHORE INC

UTU28275

1-4

P+A

16S

16E

4 NESW

430153019800X1

H W DOUGHERTY COMPANY

UTU03901

2

PGW

17S

RECEIVED

5 SESE

430191570000S1

UTU013696

1-B

GSI

17S

24E AUG 10 1992

8 SWNW

430191569800S1

1-A

PGW

17S

24E

8 SWNW

430191569700S1

HADDEN-HARRISON JOINT VENTURE

UTU7945

1

PGW

20S

23E

DIVISION OF
OIL GAS & MINING

13 SWSW

430193037800S1

HALLWOOD CONSOLIDATED PART LP

UTU38842*HAL

6-7

PGW

17S

25E

6 SWNE

430193051600S1

6-14

PGW

17S

25E

6 SESW

430193046200S1

UTU38033*HAL

7-14

PGW

17S

25E

7 SESW

430193077300S1

7-4

PGW

17S

25E

7 SWNW

430193051700S1

UTU38030

12-2

PGW

17S

24E

12 NWNE

430193070200S1

HALLWOOD PETROLEUM INC

UTU17942

2

PGW

16S

25E

9 SESW

430191504800S1

* CR176

12-9

PGW

17S

24E

12 NESE

430193074800S1

HANCOCK BURTON W

UTU683

4-11

PGW

17S

25E

4 NESW

430193101200S1

UTU4402

27-9

ABD

17S

25E

27 NESE

430193101400X1

UTU31792

13-13

PGW

17S

25E

13 SESW

430193041200S1

UTU05081

1

P+A

17S

25E

21 NENW

430191548100X1

20-1

GSI

17S

25E

20 NENE

430193102100S1

UTU05079*HAN

11

PGW

17S

25E

4 NWNW

430193101100S1

UTU05003*HAN

35

PGW

17S

25E

17 NWSE

430193022400S1

UTU04984*HAN

8-3

PGW

17S

25E

8 NENW

430193101300S1

UTU04955

20-R

PGW

17S

25E

10 NWSE

430193101300S1

* Wrote a letter to L&H Inc
telling them they had
submitted form to USO
Successor of CH Operat
8/1/92